

Test Report

No. 2063601/JL

Date : Jul 13 2007

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CHAN-SI INTERNATIONAL CO., LTD.
QISHA IND. ZONE, SHATIAN TOWN, DONGGUAN CITY,
GUANGDONG PROVINCE, CHINA

The following sample was submitted and identified on behalf of the client as SILICONE KITCHENWARE.

SGS Job No. : 2419748
SGS Ref. No. : SZTYR070720114/LP
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Receiving Date : JUL 04 2007
Testing Period : JUL 05 – 13 2007

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and BFR recommendation.


- 1) Sensorial examination odour and taste test.
- 2) For material : silicone rubber – Extractable components test.
- 3) For material : silicone rubber – Organotin content (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Triphenyltin, Mono-octyltin, Di-octyltin).
- 4) For material : silicone rubber – Peroxide value.
- 5) For material : silicone rubber – Volatile Organic Matter (VOM).

Test Method : 1) Robinson's test with reference to DIN10955:1983 (2003).
2) With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46 (2003) 362.
3) Solvent extraction followed by analysis using Gas Chromatography Spectrometry.
4) With reference to European Pharmacopoeia, 1997, p.173.
5) With reference to LMBG BfR Part B Part II Section XV, May 2003 and LMBG section 35 B80.30 1(EG).
Test condition : 100°C, 2 hours.

Test Results : Please refer to the next page.

Conclusion : When tested as specified, the submitted sample complies with the permissible safety limit as specified in LFGB, Section 30 & 31.

Signed for and on behalf of
SGS Hong Kong Ltd.

for 
Wong Tak Ming, William
Operations Manager

Test Results :

1)

Test Item	Result	Maximum Permissible Limit
	1	
Sensorial examination odour (Point scale)	1.0	2.5
Sensorial examination taste (Point scale)	1.0	2.5

Sample Description :

1. Silicone Kitchenware

2)

Simulant Used	Extractable Components (% w/w)	Maximum Permissible Limit (% w/w)
	1	
3% Acetic Acid (W/V) Aqueous Solution	< 0.1	0.5
10% Ethanol (V/V) Aqueous Solution	< 0.1	0.5

Sample Description :

1. Blue Silicone Rubber

- Note :
1. % w/w = percentage of weight by weight
 2. < = less than

3)

Test Item	Result (mg/kg)	Maximum Permissible Limit (mg/kg)
	1	
Organotin		
a) Monobutyltin (MBT)	ND	Absent
b) Dibutyltin (DBT)	ND	Absent
c) Tributyltin (TBT)	ND	Absent
d) Tetrabutyltin (TeBT)	ND	Absent
e) Triphenyltin (TPT)	ND	Absent
f) Mono-octyltin (MOT)	ND	Absent
g) Dioctyltin (DOT)	ND	Absent

Sample Description :

1. Blue Silicone Rubber

- Note :
1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. Detection Limit is 0.02 mg/kg
 3. ND = Not Detected

Test Results (Cont'd) :

4)

Test Item	Result	Maximum Permissible Limit (mg/kg)
	1	
Peroxide Value	Absent	Absent

Sample Description :

1. Blue Silicone Rubber

5)

Test Item	Result (%)	Maximum Permissible Limit (%)
	1	
Volatile Organic Matter (VOM)	< 0.05	0.5

Sample Description :

1. Blue Silicone Rubber

Note : 1. % = percentage by weight
2. < = less than

Remark : Photo appendix is included.

*** End of Report ***

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PHOTO APPENDIX



SGS authenticate the photo on original report only

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Coray
Authorized Signature

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